



1651

Attorney's Docket No.: 5500*48

TO: ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

TRANSMITTAL FORM	Applicant(s):	Richard Derose <i>et al.</i>
	Serial No.:	09/582,482
	Filing Date:	October 13, 2000
	Group Art Unit:	1651
	Examiner:	I. Marx

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ENCLOSURES	
<input checked="" type="checkbox"/> Amendment/Response	<input type="checkbox"/> Information Disclosure Statement
<input checked="" type="checkbox"/> Associate Power of Attorney	<input checked="" type="checkbox"/> Petition for Extension of Time (2 months)
<input type="checkbox"/> Response to Missing Parts:	<input type="checkbox"/> Abstract
<input type="checkbox"/> Declaration for Patent Application	<input type="checkbox"/> Appeal Brief <input type="checkbox"/> Reply Brief
<input type="checkbox"/> Genetic Sequence Listing	<input type="checkbox"/> Copies of references
<input type="checkbox"/> Drawings _____ sheets	<input type="checkbox"/> Other Enclosures: <input type="checkbox"/>

FEE AUTHORIZATION

Please charge the amount due on the above application to Deposit Account No. 03-2775 . The estimated fee due is: \$ 400.00 (for 2 month extension of time) . A check in the amount of the fee is enclosed. The Commissioner is hereby authorized to charge any fees which may be required in connection with this correspondence, or credit any overpayment to Deposit Account No. 03-2775. This sheet is submitted in duplicate.

Liza D. Hohenschutz, Reg. No. 33,712
Attorney for Applicant(s)

Date: March 22, 2002

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March 22, 2002
(Date)Amy L. Hamm
(Printed Name)Amy L. Hamm
(Signature)

Atty. Docket #: 5500*48

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Richard Derose *et al.*

SERIAL NO: 09/582482

ART UNIT: 1651

FILED: October 13, 2000

EXAMINER: I. Marx

FOR: "Method For Enzymatic Preparation
Of Homogentisate"Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

RESPONSE TO OFFICE ACTION

This is in response to the Office Action of October 26, 2002, the time for a response to which has been extended to and through March 26, 2002.

Please amend the above-identified application as follows.

In the claims:

Cancel claims 9 and 10 without prejudice.

a1

1. (amended) Method for enzymatic preparation of homogentisate (HMO) from 4-hydroxypyruvate (HPP), characterized in that it consists in carrying out in a plant cell modified to produce a first suitable enzyme that converts HPP to 4-hydroxyphenylacetate (HPA) and a second suitable enzyme that converts HPA into HMO, the following enzymatic reactions: